TABLE 10.5

MORNING STAR MINE COST ESTIMATE DRAW DOWN AND EVAPORATE PAD NO. 2 INCLUDE WITH ALTERNATIVES 2, 3 AND 4

Contingency / Indirect 10% \$29,253	ALTERNATIVES II, III and IV		Units	Unit \$	Cost		Notes
2. Construction Management 3. Mobilization / De-Mobilization 1. Equipment 2. Supplies 3 EA 3, 1,000 3,000 3,000 2. Supplies 1 LS 5, 1,000 3,000							
3. Mobilization / De-Mobilization 1. Equipment 3 EA \$1,000 \$3,000 \$1,000 \$4. Site Support 1 LS \$1,000 \$1,000 \$1,000 \$4. Site Support 1 LS \$2,500		1 I	LS	\$20,000	\$20,000		Expand Interim Measures
1. Equipment 3 EA \$1,000 \$3,000	2. Construction Management	1 I	LS	\$22,000	\$22,000		
2. Supplies	3. Mobilization / De-Mobilization						
2. Supplies	1. Equipment	3 I	EΑ	\$1,000	\$3,000		
4. Site Support 5. Installation a. Piping b. Drips / Lines / Fittings 100 EA 5. Soo b. Drips / Lines / Fittings 100 EA 5. Soo c. Spray Heads 300 EA 315 \$4,500 d. Misc. Supplies 5 EA 500 \$2,500 c. Labor 8. Operation and Maintenance 1. Draw Down and Evaporate Pad No. 2 a. Diesel Pump (rent) b. Fuel (4 gph-8 months) c. Operator / Pueler c. Transportation d. Piping 800 LF 8 MO 8 1,750 \$14,000 8 MO 8 1,750 \$		1 I	LS				
Subtotal							
S. Installation a. Priping	Tr .					\$48,500	
a. Piping	5 Installation					4 10,2 00	
b. Drips / Lines / Fittings		4 500 I	ĿĒ	\$3	\$13,500		
c. Spray Heads d. Misc. Supplies e. Labor 240 HR 555 S13,200 Subtotal S35,700 B. Operation and Maintenance 1. Draw Down and Evaporate Pad No.2 a. Diesel Pump (rent) b. Fuel (4 gph-8 months) c. Operator / Fueler d. Per Diem 240 DAY 8 MO 21,600 e. Transportation 8 MO 21,600 8 MO 21,		,					
d. Misc. Supplies							
B. Operation and Maintenance 1. Draw Down and Evaporate Pad No.2 a. Diesel Pump (rent) b. Fuel (4 gph-8 months) c. Operator / Fueler e. Transportation f. Misc. Supplies 1. Install Evaporation Systems at PSP 1. Install Evaporation Systems at PSP 1. Install Passive System a. Piping b. Drips / Lines / Fittings c. Geotextile 200 SY d. Labor 2. Install Enhanced System 1 LS 2. Sydoo 3. Maintenance 3. Water Monitoring 20 SMPL DRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect Contingency / Indirect Sy Square Yard EA Each DAY Day Subtotal Sason, Supple Subtotal Sub							
Subtotal S35,700							
B. Operation and Maintenance 1. Draw Down and Evaporate Pad No.2 a. Diesel Pump (rent) b. Fuel (4 gph-8 months) c. Operator / Fueler 1,250 HR 555 \$68,750 d. Per Diem 240 DAY 8 MO \$1,600 \$12,800 8 MO \$1,600 \$12,800 8 MO \$1,600 \$12,800 8 MO \$1,600 \$12,800 8 W/ fuel tank. f. Misc. Supplies 4 EA \$500 Subtotal \$162,926 C. Install Evaporation Systems at PSP 1. Install Passive System a. Piping 8 00 LF \$3 \$2,400 b. Drips / Lines / Fittings 1,000 LF \$3 \$3,000 c. Geotextile 200 SY \$2 \$300 2. Install Enhanced System 1 LS \$4,000 \$4,000 Subtotal \$40,200 Subtotal \$55,200 D. Monitoring a. Water Monitoring 20 SMPL \$40 \$50 \$50 \$50 \$50 \$50 \$50 \$50	C. Labor	∠ 4 ∪ I	111	\$55		935 700	
1. Draw Down and Evaporate Pad No.2 a. Diesel Pump (rent) 8 MO \$1,750 \$14,000 720 hours per month b. Fuel (4 gph-8 months) 23,040 GAL \$2 \$43,776 720 hours per month c. Operator / Fueler 1,250 HR \$55 \$68,750 4 Per Diem 240 DAY \$90 \$21,600 w/ fuel tank. e. Transportation 8 MO \$1,600 \$12,800 w/ fuel tank. f. Misc. Supplies 4 EA \$500 \$2,000 w/ fuel tank. Subtotal \$162,926 C. Install Evaporation Systems at PSP 1. Install Passive System a. Piping \$00 LF \$3 \$2,400 s/ s/ <t< td=""><td>D. Oparation and Maintenance</td><td></td><td></td><td></td><td>Subtotal</td><td>\$35,700</td><td></td></t<>	D. Oparation and Maintenance				Subtotal	\$35,700	
a. Diesel Pump (rent) b. Fuel (4 gph-8 months) c. Operator / Fueler d. Per Diem 240 DAY Sy0 \$21,600 e. Transportation f. Misc. Supplies 4 EA S500 \$2,000 Subtotal S162,926 C. Geotextile 200 SY Subtotal Subtotal S40,000 S40,000 S40,000 S40,000 S40,000 Subtotal S40,000 S40,0		No 2					
b. Fuel (4 gph-8 months) c. Operator / Fueler l. 1,250 HR s55 \$68,750 d. Per Diem 240 DAY \$90 \$21,600 e. Transportation f. Misc. Supplies 4 EA \$500 \$2,000 Subtotal \$162,926 C. Install Evaporation Systems at PSP 1. Install Passive System a. Piping 800 LF \$3 \$2,400 b. Drips / Lines / Fittings 1,000 LF \$3 \$3,000 c. Geotextile 200 SY \$2 \$300 d. Labor 100 HR \$55 \$5,500 2. Install Enhanced System 1 LS \$25,000 \$25,000 3. Maintenance 1 LS \$4,000 \$4,000 D. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 a. Water Monitoring 20 SMPL \$260 \$5,200 DRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect 10% \$292,526 Contingency / Indirect 10% \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample			MO	Ø1 750	¢14.000		720 1
c. Operator / Fueler							720 hours per month
d. Per Diem							
e. Transportation f. Misc. Supplies 4 EA \$500 \$12,800 w/ fuel tank. f. Misc. Supplies 4 EA \$500 \$2,000 Subtotal \$162,926 C. Install Evaporation Systems at PSP 1. Install Passive System a. Piping 800 LF \$3 \$2,400 b. Drips / Lines / Fittings 1,000 LF \$3 \$3,000 c. Geotextile 200 SY \$2 \$300 d. Labor 100 HR \$55 \$5,500 2. Install Enhanced System 1 LS \$25,000 \$25,000 3. Maintenance 1 LS \$4,000 \$4,000 Subtotal \$40,200 D. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 Subtotal \$5,200 DRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect 10% \$29,253 TOTAL COST \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample							
f. Misc. Supplies 4 EA \$500 \$2,000 Subtotal \$162,926 C. Install Evaporation Systems at PSP 1. Install Passive System							
Subtotal \$162,926							w/ fuel tank.
C. Install Evaporation Systems at PSP 1. Install Passive System	f. Misc. Supplies	4 I	EΑ				
1. Install Passive System					Subtotal	\$162,926	
a. Piping b. Drips / Lines / Fittings 1,000 LF \$3 \$3,000 c. Geotextile 200 SY \$2 \$300 d. Labor 100 HR \$55 \$5,500 2. Install Enhanced System 1 LS \$25,000 \$25,000 3. Maintenance 1 LS \$4,000 \$4,000 Subtotal Subtotal PRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect Davis - Bacon Wages LS Lump Sum SY Square Yard EA Supplication Subtotal ASSUMPL SY Square Yard EA Supplication Subout Subtotal S292,526 S25,000 1 sample every 2 weeks Subtotal S292,526 S25,000 1 sample every 2 weeks S292,526 S25,200 Subtotal S292,526 S25,200 Subtotal S292,526 S25,200 Subtotal S292,526 S29,253 S21,779 Assumptions: Davis - Bacon Wages LS LS Lump Sum AO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample							
b. Drips / Lines / Fittings	1. Install Passive System						
c. Geotextile 200 SY \$2 \$300 d. Labor 100 HR \$55 \$5,500 2. Install Enhanced System 1 LS \$25,000 \$25,000 3. Maintenance 1 LS \$4,000 \$4,000 Subtotal \$40,200 D. Monitoring 20 SMPL \$260 \$5,200 1 sample every 2 weeks Subtotal \$5,200 Contingency / Indirect 10% \$292,526 TOTAL COST \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample	a. Piping	800 I	LF	\$3	\$2,400		
c. Geotextile 200 SY \$2 \$300 d. Labor 100 HR \$55 \$5,500 2. Install Enhanced System 1 LS \$25,000 \$25,000 3. Maintenance 1 LS \$4,000 \$4,000 Subtotal \$40,200 D. Monitoring 20 SMPL \$260 \$5,200 1 sample every 2 weeks Subtotal \$5,200 Contingency / Indirect 10% \$292,526 TOTAL COST \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample	b. Drips / Lines / Fittings	1,000 I	LF	\$3	\$3,000		
2. Install Enhanced System 1 LS \$25,000 \$25,000 325,000 325,000 \$3. Maintenance 1 LS \$4,000 \$4,000 \$25,000 \$3. Maintenance 1 LS \$4,000 \$4,000 \$3. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 \$5,200 \$5,200 \$5,200 \$5,200 \$5,200 \$25,20		200 \$	SY	\$2	\$300		
2. Install Enhanced System 3 LS \$25,000 \$25,000 325,000 3. Maintenance 1 LS \$4,000 \$4,000 \$25,000 \$25,000 \$3. Maintenance 1 LS \$4,000 \$40,000 \$3. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 \$5,200 \$5,200 \$5,200 \$5,200 \$5,200 \$25,20	d. Labor	100 I	HR	\$55	\$5,500		
3. Maintenance 1 LS \$4,000 \$4,000 \$40,200 D. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 \$5,200 \$1 sample every 2 weeks DRAW DOWN AND EVAPORATE PAD NO. 2							
D. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 \$5,200 \$5,200 Subtotal \$5,200 \$5,200 \$5,200 Subtotal \$5,200 \$5,200 \$5,200 Subtotal \$292,526 Contingency / Indirect 10% \$292,526 TOTAL COST Assumptions: Davis - Bacon Wages LS Lump Sum SY Square Yard Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample							
D. Monitoring a. Water Monitoring 20 SMPL \$260 \$5,200 \$5,200 \$5,200 Subtotal \$5,200 \$5,200 DRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect 10% \$292,526 Contingency / Indirect 10% \$292,525 TOTAL COST \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample				4 1,000		\$40,200	
a. Water Monitoring 20 SMPL Subtotal S	D Monitoring				Subtotui	φ.ιο,2οο	
Subtotal \$5,200		20.5	SMPI	\$260	\$5,200		1 sample every 2 weeks
DRAW DOWN AND EVAPORATE PAD NO. 2 Contingency / Indirect 10% \$292,526 Contingency / Indirect 10% \$292,526 TOTAL COST \$321,779 Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample	a. Water Wollitoring	20 1	31VII L	\$200		\$5 200	1 sample every 2 weeks
Contingency / Indirect 10% \$29,253 TOTAL COST \$321,779 Assumptions: Notes: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample					Subtotal	\$3,200	
Contingency / Indirect 10% \$29,253 TOTAL COST \$321,779 Assumptions: Notes: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample	DRAW DOWN AND EVAPODATE	PAD NO	2			Subtatal	\$202.526
Assumptions: Davis - Bacon Wages LS Lump Sum Square Yard EA Each LF Linear Feet Notes: MO Month GAL Gallons DAY Day LF SmPL Sample	DRAW DOWN AND EVAPORATE	I AD NO.		Contingon	ov / Indiroct		
Assumptions: Davis - Bacon Wages LS Lump Sum MO Month SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample				Conungen			
Davis - Bacon Wages LS Lump Sum SY Square Yard EA Each LF Linear Feet MO Month GAL Gallons DAY Day LF Linear Feet SMPL Sample	A ssumntions:	7	Votes:		10	TAL CUST	\$321,779
SY Square Yard GAL Gallons EA Each DAY Day LF Linear Feet SMPL Sample				I C	•	MO	Month
EA Each DAY Day LF Linear Feet SMPL Sample	Davis - Bacon Wages						
LF Linear Feet SMPL Sample				-	ra		
±							
HR Hours WK Week					et		
		I	HK	Hours		WK	Week